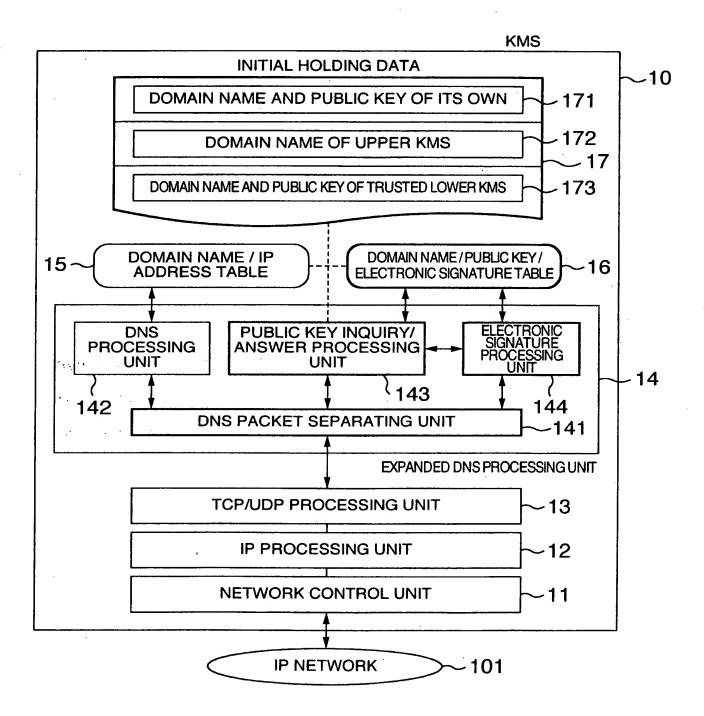
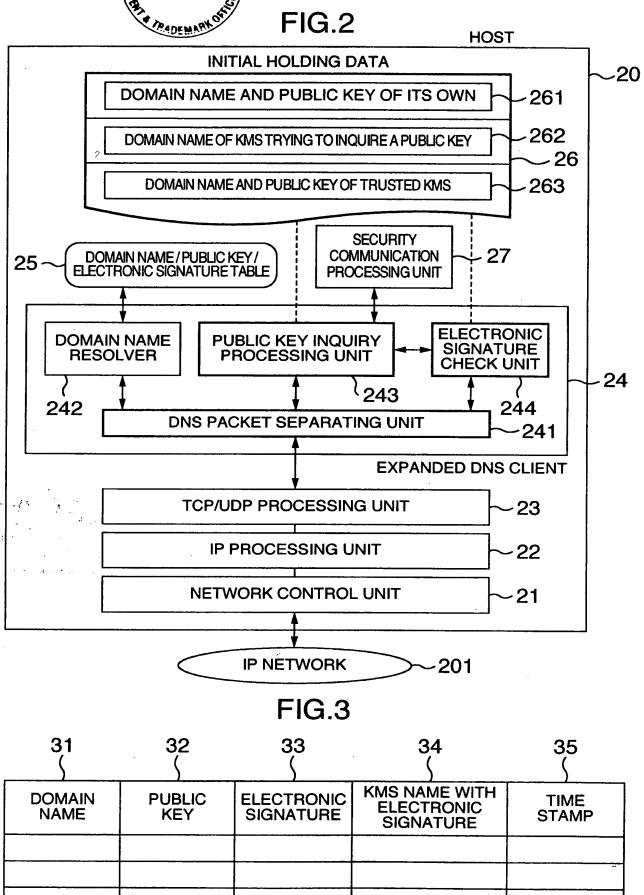
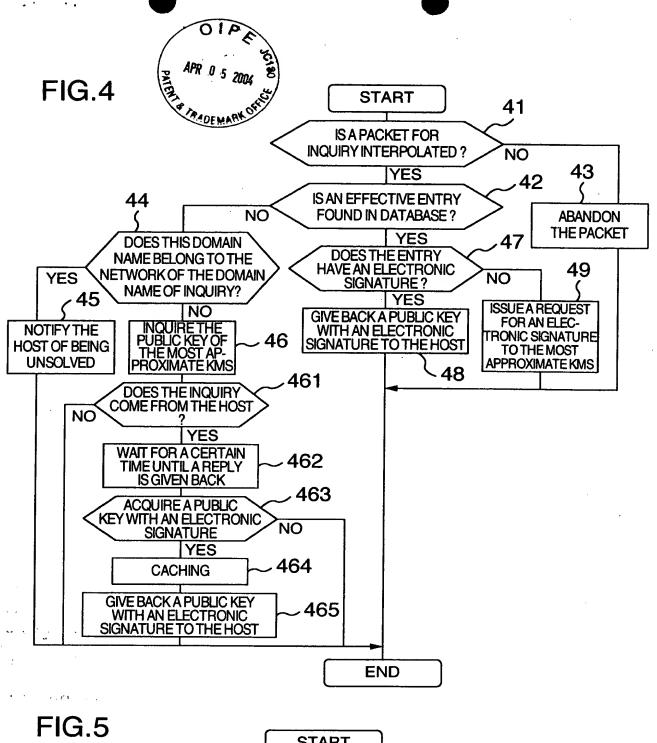


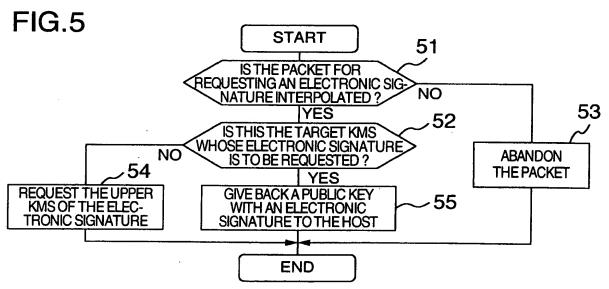
FIG.1

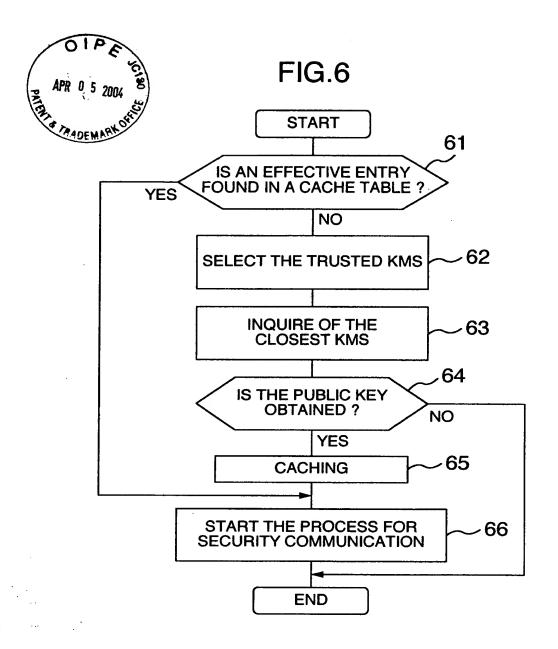


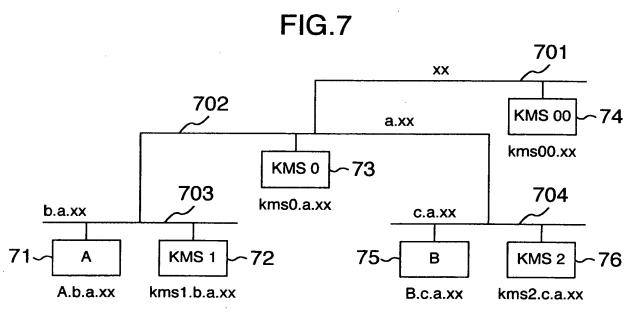


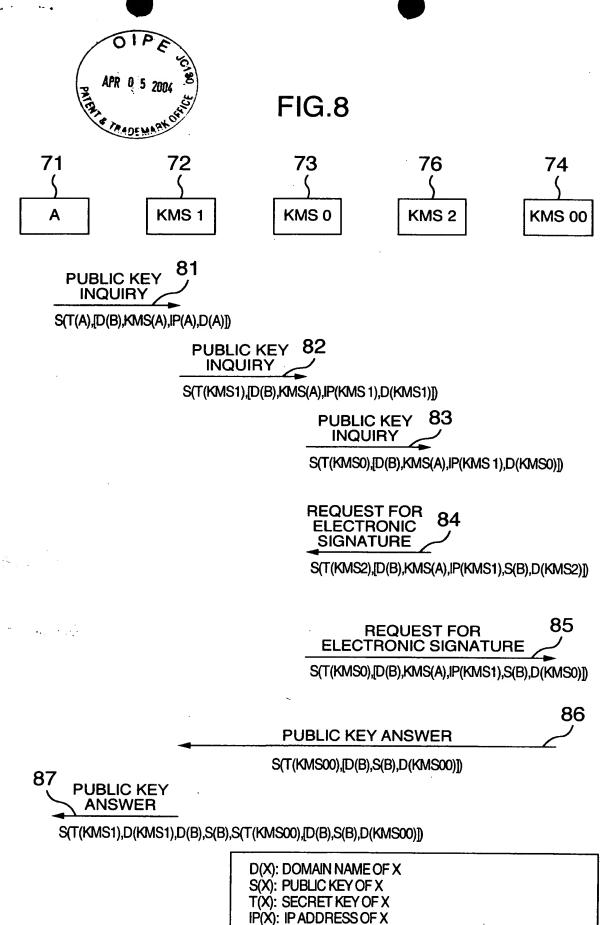








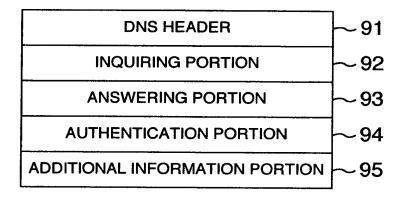




KMŚ(X): KMS WHOSE ELECTRONIC SIGNATURE IS REQUESTED BY X S(K,[a,b,c]): ELECTRONIC SIGNATURE ADDED TO MESSAGE [a,b,c] WITH KEY K



FIG.9



**FIG.10** 

